Observations, made by several Astronomers, domestic and forrain, of the late Eclipse of the Moon, *on Septemb.* 8. 1671; *here delivered in the Languages, in which they were Communicated.*

1. THat of Mr. *Street* was this, in *London.*

	Time by Altitudes corr. by parall. and refract.	
	o ′	h. ′
The *Emersion*: Altit. of the upper edge of the ☾	10 30	7 21
The *End* of the Eclipse; Alt. of *Arcturus* —	16 20	8 16½

By my Tables (*saith he*) of *Astronomia Carolina*;

	T. app. h.		
The Beginning at	4	50	8
Immersion	5	47	44
Middle	6	34	55
Emersion	7	22	6
End	8	19	42

2. Ann. 1671, d. 8. Sept. *circa horam sextam vesper. Luna ascendebat totaliter obscurata sub Elevat. Poli* 50°. 15′. *Ectoniæ in Comitatu Northamptoniano* Angliæ. *

* Observante Doctissimo Dn *Palmero*, teste Dn. De *Illeres*, Gallo, præsente cùm Observatio hæc perageretur.

Capit emergere ex Umbra, centro Lunæ alto 9°. 35′, *sive hor.* 7. 18′.

Finis, Arcturo alto 16°. 30′, *sive ho.* 8. 16′. 20″: *Unde computatur Medium Eclipsis fuisse hor.* 6. 28′. 16″.

3. The Learn'd *Bullialdus* communicated from *Paris*, about this Eclipse, the following Observations; which, by his favour, we subjoyn thus;

Ex Epilogismo Calculi Eclipsis Lunæ, quæ facta est d. 18 *Septembris st. nov. ex Tab. Philolaicis;*

Datur

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Datur Uraniburgi T. A.	h.	′	″
Initium	5	50	29
Total. obſc.	6	50	29
Max. obſc.	7	40	18
Vera &	7	41	22
Emerſio	8	30	7
Finis	9	30	7

Pariſiis.	h.		
Init.	5	10	29
Tot. obſc.	6	10	29
Max. obſc.	7	0	18
Vera &	7	1	22
Emerſio	7	50	7
Finis	8	50	7

Latit. Lunæ vera.	′	″
Initio	1	13
Fine	12	48

Obſervatus eſt Pariſiis

	g.	′	″
Finis, alto Arcturo ad Occaſum	13	41	
Ablatâ refractione, alto	13	37	45
	h.		
Hinc datur finis obſervatus	8	29	16
	g.		
Finis Penumbræ alto Arcturo	13	0	
Correct.	12	56	
	h.		
Unde datur	8	33	40
Cœlum ergo anticipavit Tabularum calculum		29	51

Heckerus *in Ephemeridibus ponit finem* ex Rudolphinis,	h.	′	″
Uraniburgi T. A.	9	37	7
Fuiſſet Pariſiis	8	57	7
	g.		
Cœlum ergo anticipavit Calc. Rudolph.	0	0	27
	h.		
Obſervata eſt Mæotis *tota extra Umbram*	8	24	16
	g.		
Alto Arcturo	14	26	0
Correct.	14	23	55

Exivit Luna ex umbra è regione Petræ Sogdianæ Hevelii.

Ex Epilogiſmo juxta Tab. Britannicas Clariſſimi Viri Vincent. Wingi,

Datur Londini T. A.	h.	′	″
Initium	4	56	49
Total. obſc.	5	56	32
Max. obſc.	6	46	0
Vera &	6	46	58
Emerſio	7	35	28
Finis	8	35	11

Pariſiis *fuiſſet.*	H.		
	5	4	49
	6	4	32
	6	54	0
	6	54	58
	7	43	28
	8	43	11

Tabulæ Britannicæ anticipant Cœlum 13′ 55″.

Luna Oriens tota ſub Umbrâ fuit, nec nubibus obſtantibus videri potuit. Intra nubes ſubinde viſa eſt tota ſub umbra, antequam ex hac emergeret.

So far Monſieur *Bullialdus*. Hoping, there will ſhortly come to hand the Obſervations, touching the ſame Eclipſe, of ſome other Aſtronomers both Engliſh, and Forrainers, and theſe of *Paris, Uraniburg, Dantzick*, &c. we ſhall not fail, God permitting, to publiſh them hereafter.